

CLAIMS

IN THE CLAIMS:

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1-32. **(Cancelled).**

33. **(Currently Amended)** The ~~pharmaceutical composition- method~~ of claim ~~31 55~~, wherein the ~~extract or extract fraction component, substance, fraction, or mixture thereof~~ comprises at least one bipolar-lipophilic molecule.

34. **(Currently Amended)** The ~~pharmaceutical composition- method~~ of claim ~~31 55~~, wherein the ~~extract or extract fraction component, substance, fraction or mixture thereof~~ is selected from the group consisting of alkaloids, proteins, peptides, polysaccharides, glycosides, glycoproteins, sterols, ~~phophatids phosphatides~~, fatty acids, amino acids, and any combination thereof.

35. **(Currently Amended)** The ~~pharmaceutical composition- method~~ of claim ~~31 55~~, wherein the ~~pharmaceutical composition is formulated further comprising formulating the extract or extract fraction~~ for oral application, topical application or parenteral application.

36. **(Currently Amended)** The ~~pharmaceutical composition- method~~ of claim ~~31 55~~, wherein the ~~composition has a further comprising preparing a~~ formulation selected from the group consisting of an infusion solution, an injection solution, an orally administrable form, a gelatin-capsule, a tablet, a controlled release tablet, a granulate, a food supplement, an enema, and any combinations thereof.

37-39. **(Cancelled).**

40. (Currently Amended) The ~~pharmaceutical composition- method~~ of claim ~~34~~ ~~55~~, wherein the ~~composition extract or extract fraction~~ is operable to regulate L Dopa by a mechanism selected from the group consisting of inhibiting L-Dopa metabolism, inhibiting dopamine metabolism, improving L-Dopa absorption, quickening the onset of L-Dopa efficacy, increasing the duration of L-Dopa efficacy, and any combinations thereof.

41-45. (Cancelled).

46. (Currently Amended) The ~~pharmaceutical composition method~~ of claim ~~34~~ ~~55~~, wherein component, substance, fraction, or mixture thereof does not contain a pharmaceutically effective amount of L-dopa.

47. (Currently Amended) The ~~pharmaceutical composition method~~ of claim ~~34~~ ~~55~~, wherein the pharmaceutical composition further comprises at least one additional pharmaceutically active agent.

48-54. (Cancelled).

55. (Currently Amended) ~~The method of claim 54, wherein extracting comprises A method of preparing an extract or extract fraction of Mucuna pruriens seeds comprising:~~

extracting a seed of Mucuna pruriens with n-hexane to provide a first extract solution;

filtering the first extract solution to provide a first filter retentate;

extracting the first filter retentate with acetone to provide a second extract solution;

filtering the second extract solution to provide a second filter retentate;

extracting the second filter retentate with an approximately 1:1 mixture of water and ethanol containing approximately 0.5% ascorbic acid to provide third extract solution;

filtering the third extract solution to provide a third filter retentate;

repeating the extraction with an approximately 1:1 mixture of water and ethanol containing approximately 0.5% ascorbic acid at least four times using the third through a sixth filter retentate to provide a fourth through seventh extract solutions;

pooling at least two of the extract solutions to provide a pooled extract solution; and

concentrating the pooled extract solution to form an extract or extract fractions **containing at least one pharmaceutically active component, substance, fraction, or mixture thereof.**

56-57. **(Cancelled.)**

58. **(Currently Amended)** The method of claim **54-55**, further comprising solubilizing the extract or extract fractions in a solvent comprising DMSO, distilled water, or a mixture thereof.

59. **(Currently Amended)** The method of claim **54-55**, further comprising the extract or extract fraction in a form selected from the group consisting of comminuted form, in unmodified form, as granules, powder, precipitate, fraction, extract, dried extract, exudate, and any combinations thereof.

60. **(Currently Amended)** The method of claim **54-55**, further comprising formulating a pharmaceutical composition from the at least one pharmaceutically active component, substance, fraction, or mixture thereof including the extract or extract fractions.

61. **(Cancelled).**